Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method in a data processing system of presenting coverage data for code, the method comprising:

obtaining the coverage data containing instruction access indicators associated with the code, wherein each instruction access indicator is associated with a different portion of the code, and wherein each instruction access indicator is initialized as being unset prior to execution of its associated code portion;

identifying instruction access indicators that have been set by a processor in the data processing system in response to execution of the code by the processor to form set instruction access indicators, wherein each set instruction access indicator is associated with an executed portion of the code; [[and]]

generating a presentation for the coverage data, wherein each set instruction access indicator is identified in the presentation; and [[.]]

identifying unset instruction access indicators that have remained unset during the execution of the code by the processor, wherein each unset instruction access indicator is associated with an unexecuted portion of the code, and wherein each unset instruction access indicator is identified in the presentation.

2.   (Canceled)

3.   (Currently Amended) The method of claim 1, [[2,]] wherein the set instruction access indicators are identified in the presentation using a first color and wherein the unset instruction access indicators are identified in the presentation using a second color.

4.   (Currently Amended) The method of claim 1, [[2,]] wherein the set instruction access indicators are identified in the presentation using a graphical indicator and wherein the unset instruction access indicators are identified in the presentation using the graphical indicator.

5.   (Currently Amended) The method of claim 1, [[2]], wherein the generating step is performed in response to an event.

6.   (Original) The method of claim 5, wherein the event is at least one of a completion of the execution of the code, expiration of a time, and the execution of a selected type of instruction in the code.

7.   (Original) The method of claim 1, wherein the portion of the code is a single instruction in the code and wherein every instruction in the code is associated with a different instruction access indicator.

8.   (Original) The method of claim 1, wherein the portion of the code is a subroutine in the code.

9.   (Original) The method of claim 1, wherein the portion of the code is a branch instruction in the code.

10.   (Currently Amended) A data processing system that presents coverage data for code, the data processing system comprising:

a processor for processing computer instructions;

a memory coupled to the processor using a bus, the memory comprising:

obtaining means that obtains the coverage data containing instruction access indicators associated with the code, wherein each instruction access indicator is associated with a different portion of the code, and wherein each instruction access indicator is initialized as being unset prior to execution of its associated code portion;

first identifying means that identifies instruction access indicators that have been set by a processor in the data processing system in response to execution of the code by the processor to form set instruction access indicators, wherein each set instruction access indicator is associated with an executed portion of the code; [[and]]

generating means that generates a presentation for the coverage data, wherein each set instruction access indicator is identified in the presentation; and [[.]]

second identifying means that identifies unset instruction access indicators that have remained unset during the execution of the code by the processor; wherein each unset instruction access indicator is associated with an unexecuted portion of the code, and wherein each unset instruction access indicator is identified in the presentation.

11.   (Canceled)

12.   (Currently Amended) The data processing system of claim 10, [[11,]] wherein the set instruction access indicators are identified in the presentation using a first color and wherein the unset instruction access indicators are identified in the presentation using a second color.

13.   (Currently Amended) The data processing system of claim 10, [[11,]] wherein the set instruction access indicators are identified in the presentation using a graphical indicator and wherein the unset instruction access indicators are identified in the presentation using the graphical indicator.

14.   (Currently Amended) The data processing system of claim 10, [[11,]] wherein the generating means is performed in response to an event.

15.   (Original) The data processing system of claim 14, wherein the event is at least one of a completion of the execution of the code, expiration of a time, and the execution of a selected type of instruction in the code.

16.   (Currently Amended) The data processing system of claim 10, [[11,]] wherein the portion of the code is a single instruction in the code and wherein every instruction in the code is associated with a different instruction access indicator.

17.   (Currently Amended) The data processing system of claim 10, [[11,]] wherein the portion of the code is a subroutine in the code.

18.   (Currently Amended) The data processing system of claim 10, [[11,]] wherein the portion of the code is a branch instruction in the code.

19.   (Currently Amended) A computer program product in a recordable-type computer readable medium that presents coverage data for code, the computer program product comprising:

        first instructions that obtain the coverage data containing instruction access indicators associated with the code, wherein each instruction access indicator is associated with a different portion of the code, and wherein each instruction access indicator is initialized as being unset prior to execution of its associated code portion;

second instructions that identify instruction access indicators that have been set by a processor in the data processing system in response to execution of the code by the processor to form set instruction access indicators, wherein each set instruction access indicator is associated with an executed portion of the code; [[and]]

third instructions that generate a presentation for the coverage data, wherein each set instruction access indicator is identified in the presentation; and [[.]]

fourth instructions that identify unset instruction access indicators that have remained unset during the execution of the code by the processor; wherein each unset instruction access indicator is associated with an unexecuted portion of the code, and wherein each unset instruction access indicator is identified in the presentation.

20.   (Canceled)

21.   (Currently Amended) The computer program product of claim 19, [[20,]] wherein the set instruction access indicators are identified in the presentation using a first color and wherein the unset instruction access indicators are identified in the presentation using a second color.

22.   (Currently Amended) The computer program product of claim 19, [[20,]] wherein the set instruction access indicators are identified in the presentation using a graphical indicator and wherein the unset instruction access indicators are identified in the presentation using the graphical indicator.

23.   (Currently Amended) The computer program product of claim 19, [[20,]] wherein the third instructions is performed in response to an event.

24.   (Original) The computer program product of claim 23, wherein the event is at least one of a completion of the execution of the code, expiration of a time, and the execution of a selected type of instruction in the code.